

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L15	298	(US-6165975-\$ or US-5296225-\$ or US-6251418-\$ or US-6472393-\$ or US-4895727-\$ or US-6086582-\$ or US-6358247-\$ or US-6416510-\$ or US-6511477-\$ or US-6423713-\$ or US-6372244-\$ or US-4841984-\$ or US-6403337-\$ or US-6963769-\$ or US-6264947-\$ or US-6361939-\$ or US-5936082-\$ or US-6313378-\$ or US-6423828-\$ or US-6319906-\$ or US-6365354-\$ or US-6383809-\$ or US-5799660-\$ or US-6706034-\$ or US-6458805-\$ or US-6432648-\$). did. or (US-6468756-\$ or US-6329336-\$ or US-6417180-\$ or US-6331564-\$ or US-6416960-\$ or US-6309879-\$ or US-6689121-\$ or US-5667799-\$ or US-6288120-\$ or US-6376502-\$ or US-5447947-\$ or US-5028594-\$ or US-6465495-\$ or US-6629969-\$ or US-6268222-\$ or US-5462752-\$ or US-5821057-\$ or US-6410044-\$ or US-6414149-\$ or US-6391980-\$ or US-5241012-\$ or US-6333182-\$ or US-5336495-\$ or US-6395544-\$ or US-6635027-\$ or US-6440988-\$ or US-6197324-\$). did. or (US-6277874-\$ or US-6287765-\$ or US-5457113-\$ or US-5462937-\$ or US-6372431-\$ or US-5230895-\$ or US-6271014-\$ or US-6346416-\$ or US-6433040-\$ or US-6254585-\$ or US-6261279-\$ or US-6413961-\$ or US-6420432-\$ or US-6251598-\$ or US-6333335-\$ or US-6315997-\$ or US-6312708-\$ or US-6319506-\$ or US-6328977-\$ or US-6337075-\$ or US-6462036-\$ or US-5377681-\$ or US-6251436-\$ or US-5324519-\$ or US-5599552-\$ or US-6261583-\$ or US-4398906-\$). did. or (US-4428744-\$ or US-4464166-\$ or US-4612007-\$ or US-4613322-\$ or US-4832940-\$ or US-5422339-\$ or US-6355635-\$ or US-6428982-\$ or US-5525490-\$ or US-5609629-\$ or US-6391305-\$ or US-6455066-\$ or US-6692458-\$ or US-6455308-\$ or US-5580569-\$ or US-5326568-\$ or US-6274312-\$ or US-6296847-\$ or US-6319500-\$ or US-6451335-\$ or US-6329365-\$ or US-6350741-\$ or US-6197789-\$ or US-5571151-\$ or US-5817144-\$ or US-6117128-\$ or US-5482698-\$). did. or (US-6458794-\$ or US-5877176-\$ or US-5880124-\$ or US-6153615-\$ or US-5256413-\$ or US-6154540-\$ or US-6387663-\$ or US-5852711-\$ or US-6159201-\$ or US-4997814-\$ or US-5344819-\$ or	USPAT	OR	ON	2006/02/01 10:47
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L16	753	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 11:01
L17	385	L16 and ((remove or withdraw or aspirat\$4) with (fluid or agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:02
L18	44	L17 and (cardiovascular or vena or venous)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:21
L19	5	L17 and (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:23
L20	6	(Aspirate or remove or withdraw) adj (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
L21	29	(Aspirate or remove or withdraw) near2 (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
L22	29	L21 not "L6"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
L23	23	L21 not L20	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:27
L24	2	(aspirate or remove or withdraw) near2 (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
L25	2	(aspirate or remove or withdraw) near4 (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
L26	10	(aspirate or remove or withdraw) same (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
L27	0	("2004/0044302").URPN.	USPAT	OR	ON	2006/02/01 11:36
L28	629	(604/507,508).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 11:36

L29	109	L28 and (aspirate or remove or withdraw) with (agent or fluid)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:37
L30	109	L28 and ((aspirate or remove or withdraw) with (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
L31	162	L28 and ((aspirate or remove or withdraw) same (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
L32	87	L28 and ((aspirate or remove or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
L33	7719	604/264, "93.01"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:03
L34	2588	(604/264,93.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 12:03
L35	2588	(604/264,93.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 12:03
L36	204	L35 and (((aspirate or remove or withdraw) near4 (agent or fluid or liquid)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:04
L37	193	L36 not L32	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:04

L38	72	(US-20040011740-\$ or US-20060013772-\$ or US-20020001838-\$ or US-20040167385-\$ or US-20020099254-\$ or US-20040054286-\$ or US-20050033197-\$ or US-20050159716-\$ or US-20020035347-\$ or US-20050027236-\$ or US-20030040736-\$ or US-20040116902-\$ or US-20040044302-\$ or US-20010044591-\$ or US-20020177800-\$ or US-20050085769-\$ or US-20030195536-\$).did. or (US-5728151-\$ or US-5799660-\$ or US-5055198-\$ or US-5588952-\$ or US-6322513-\$ or US-6364847-\$ or US-5419769-\$ or US-6960189-\$ or US-6565535-\$ or US-5527292-\$ or US-5827229-\$ or US-5484399-\$ or US-5123903-\$ or US-4750902-\$ or US-3963028-\$ or US-5554136-\$ or US-5938645-\$ or US-5779687-\$ or US-3623483-\$ or US-4068664-\$ or US-4759349-\$ or US-5009634-\$ or US-5902264-\$ or US-5476450-\$ or US-4180074-\$ or US-4316466-\$). did. or (US-5328459-\$ or US-5441482-\$ or US-4705501-\$ or US-6001078-\$ or US-5209717-\$ or US-6488671-\$ or US-5336176-\$ or US-5916193-\$ or US-6398773-\$ or US-6562020-\$ or US-6849068-\$ or US-5827243-\$ or US-4228798-\$ or US-4240433-\$ or US-4838855-\$ or US-5928218-\$ or US-6406471-\$ or US-6468262-\$ or US-6723085-\$ or US-5656027-\$ or US-4563170-\$ or US-4648865-\$ or US-5531672-\$ or US-4666426-\$ or US-5984892-\$ or US-5358507-\$ or US-5522826-\$). did. or (US-6158269-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 12:04
L39	192	L37 not L38	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:28
L40	3099	(604/523,524,525,526,527,528,529, 530,531,532).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 13:29

L41	106	L40 and ((aspirate or remover or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
L42	3055	L40 not (L39 or L38)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
L43	3099	L40 not (L39 and L38)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
L44	84	L41 not (L39 or L38)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:37
L45	691	(604/540,543,902).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 13:37
L46	14919287	L45 (not L44 or L39 or L38)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:38
L47	663	L45 not (L44 or L39 or L38)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:38
L48	246	L47 and ((aspirat\$4 or remove or withdraw or suction) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:39
L49	236	L48 and (catheter or cannula or tube)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:39
L50	15	L49 and ((fluid or agent) with (detect or sense))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:40

L51	74	(US-20040011740-\$ or US-20060013772-\$ or US-20020001838-\$ or US-20040167385-\$ or US-20020099254-\$ or US-20040054286-\$ or US-20050033197-\$ or US-20050159716-\$ or US-20020035347-\$ or US-20050027236-\$ or US-20030040736-\$ or US-20040116902-\$ or US-20040044302-\$ or US-20010044591-\$ or US-20020177800-\$ or US-20050020973-\$ or US-20050085769-\$ or US-20030195536-\$).did. or (US-5728151-\$ or US-5799660-\$ or US-5055198-\$ or US-5588952-\$ or US-6322513-\$ or US-6364847-\$ or US-5419769-\$ or US-6960189-\$ or US-6565535-\$ or US-5527292-\$ or US-5827229-\$ or US-5484399-\$ or US-5123903-\$ or US-4750902-\$ or US-3963028-\$ or US-5554136-\$ or US-5938645-\$ or US-5779687-\$ or US-3623483-\$ or US-4068664-\$ or US-4759349-\$ or US-5009634-\$ or US-5902264-\$ or US-5476450-\$ or US-4180074-\$ or US-4316466-\$). did. or (US-5328459-\$ or US-5441482-\$ or US-4705501-\$ or US-6001078-\$ or US-5209717-\$ or US-6488671-\$ or US-5336176-\$ or US-5916193-\$ or US-6398773-\$ or US-6562020-\$ or US-6849068-\$ or US-5827243-\$ or US-4228798-\$ or US-4240433-\$ or US-4838855-\$ or US-5928218-\$ or US-6406471-\$ or US-6468262-\$ or US-6723085-\$ or US-5656027-\$ or US-4563170-\$ or US-4648865-\$ or US-5531672-\$ or US-4666426-\$ or US-5531679-\$ or US-5984892-\$ or US-5358507-\$). did. or (US-5522826-\$ or US-6158269-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 13:47
L52	2	(aspiration with catheter with (contrast adj agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:21
L53	41	(aspiration with catheter with (agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:25

L54	572	(600/309,156).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:25
L55	233	L54 and (catheter or needle or cannula)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:26
L56	2	L55 and (detect with agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:26
L57	18	L55 and (vasculature)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:48
L58	0	("bernard-steven-j.in.").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:48
L59	2	bernard-steven-j.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:49
L60	2	halpert-andrew-v.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:49
L61	58	gelfand-mark.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:56
L62	593	(210/646).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:56
L63	0	L62 and ((aspirate or remove or withdraw) near4 (agent or fluid) with (cardiovascula\$4 or vena or cava))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:57
L64	124	L62 and ((aspirate or remove or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 15:04
L65	31	"210"/\$.ccls. and (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 15:06

L66	1	("4666426").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 15:06
L67	42	("4014333" "4037599" "4098275" "4270535" "4493696").PN. OR ("4666426"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/01 15:13
L68	6	("20020099254" "20030040736" "2 0040044302" "3903895" "4666426" "4753640").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/01 15:13
L69	0	("2002/0099254").URPN.	USPAT	OR	ON	2006/02/01 15:13

L85	80	(US-20040054286-\$ or US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4563170-\$ or US-4648865-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-5484399-\$). did. or (US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-4838855-\$ or US-5531672-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$ or US-5055198-\$ or US-6364847-\$ or US-5916193-\$). did. or (US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 16:42
L86	1	L85 and (detect\$3 with (fiber adj optic))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 16:43

L87	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 17:16
L88	11	L85 and instructions	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 17:16
S1	1	"20040254523"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 15:01
S2	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 16:16
S3	1	("20040044302").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 16:23
S4	3	("2058777").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 16:23
S5	1678	604/21	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:03
S6	446	(604/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:04
S7	6	S6 and aspiration and coronary and lumen	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:12
S8	7	S6 and aspiration and coronary	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:13
S9	22	S6 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:13
S10	737	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:18

S11	54	S10 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:29
S12	2260	(604/27,28,29,30,31,32,33,34). CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:30
S13	74	S12 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:30
S14	60	S13 not S11	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:30
S15	773	(604/540,541,542,543,544).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:36
S16	24	S15 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:37
S17	23	S16 not (S14 or S11)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:43
S18	259	(604/902).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:43
S19	11	S18 and (aspirat\$4 and heart)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:43
S20	1	("6346098").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:49
S21	1	("20050085769").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:49
S22	106	aspirat\$5 with (vascular or heart) with lumen	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 18:29

S23	99	S22 not (S14 or S17 or S19)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 18:39
S24	3	("2058777").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:05
S25	3	((("5916193") or ("5653690") or ("6021340"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 08:58
S26	4	((("5916193") or ("5653690") or ("6021340") or ("5814016"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 08:58
S27	2	MOVAHED-M-REZA.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:00
S28	3	((("5,653,690") or ("6,814,016") or ("5,916,193"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:00
S29	11	aspirating with catheter with heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:06
S30	103	(600/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:26
S31	9	S30 and aspirat\$4 and catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:27
S32	0	("2002/0099254").URPN.	USPAT	OR	ON	2005/08/25 09:27
S33	669	aspirating with catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S34	282	S33 not balloon	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S35	5	S34 with heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S36	0	("2005/0159716").URPN.	USPAT	OR	ON	2005/08/25 09:44

S37	646	(604/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:44
S38	0	S37 and cathether with aspirator	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:44
S39	3	S37 and cathether	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:45
S40	15	S37 and catheter with aspirat\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:45
S41	33	("4573966" "4646736" "4729763" "4894051" "5084013" "5234403" "5346469" "5370609" "5370653" "5395332" "5419774" "5451233" "5476450" "5527292").PN. OR ("5827229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 09:54
S42	209	(aspirat\$5 with catheter with blood) not occlu\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 10:22
S43	1	("4051852").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 10:22
S44	2	("3903895").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 11:41

S45	54	(US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20050027236-\$ or US-20040116902-\$ or US-20050159716-\$ or US-20020099254-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4666426-\$ or US-4648865-\$ or US-4563170-\$ or US-5827229-\$ or US-6398773-\$ or US-6849068-\$ or US-5984892-\$ or US-4759349-\$ or US-4240433-\$ or US-5441482-\$ or US-6562020-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$). did. or (US-5328459-\$ or US-5554136-\$ or US-4838855-\$ or US-5531672-\$ or US-6468262-\$ or US-4180074-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-6322513-\$ or US-4068664-\$ or US-6364847-\$ or US-5916193-\$ or US-5902264-\$ or US-4705501-\$ or US-5336176-\$ or US-6565535-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/08/25 12:00
S46	0	("L34andexpandablewithdistalwithcatheter").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 12:02
S47	6	S45 and expandable with distal with catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 12:11
S48	19	S45 and ((sealable or closable or clos\$4) with (holes or apertures or openings or fenestr\$4))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 12:53
S49	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 13:06
S50	1	("20030040736").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:05

S51	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:07
S52	2	("3903895").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:07
S53	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:18
S54	753	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:20
S55	42	S54 and (vascular and detect\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:22
S56	21	S54 and (vascular and detect\$3 and (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:48
S57	2	S54 and (vascular and detect\$3 with (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:23
S58	6	("20020099254" "20030040736" "20040044302" "3903895" "4753640" "9888428").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:24
S59	5	S54 and (vascular and detect\$3 with fluid and (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:56
S60	455	(604/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:57
S61	18	S60 and (vascular and (fluid with (remove or suction or aspirate)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:09
S62	6	Fitzgerald-Peter-J.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:03

S63	0	(vascular with aspirator with fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:10
S64	0	(heart with aspirator with fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:10
S65	0	(vascula\$4 with aspirator with fluid and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:11
S66	50	(vascula\$4 with aspirat\$4 and fluid and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:11
S67	16	(vascula\$4 with aspirat\$4 and fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S68	1876	(aspirat\$4 and fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S69	1668	(aspirat\$4 and fluid with detect and (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S70	15	S69 and (aspirat\$4 with fluid with detect with (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:23
S71	142	S69 and (aspirat\$4 with fluid with (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:23